

AMENDMENTS TO THE CLAIMS:

Please cancel claim 14, without prejudice, and amend claims 13-19, 21 and 23-24 as shown below.

This listing of claims will replace all prior versions and listings of claims in the Application.

Claims 1 - 12 (cancelled)

Claim 13 (currently amended): A Magnus type wind power generator comprising a horizontal rotary shaft that transmits a rotation torque to a power generating mechanism, a required number plurality of rotary cylindrical columns that are disposed radially from said horizontal rotary shaft, and driving motors that rotatively drive said respective rotary cylindrical columns about axes thereof, wherein Magnus lift generated by interactions between the rotations of said respective rotary columns and wind power is caused to rotate said horizontal rotary shaft to drive said power generating mechanism, wherein said air flow device generates an air flow component at least parallel with an axis of said rotary cylindrical column upon the outer peripheral surface of said rotary cylindrical column, and, at a predetermined position is provided air flow device that generates an air flow upon an outer peripheral surface of said rotary cylindrical column so as to increase the Magnus lift.

Claim 14 (cancelled)

Claim 15 (currently amended): The Magnus type wind power generator according to claim 13, wherein said air flow device generates an air flow component parallel with the axis of said rotary cylindrical column and in a direction departing from said horizontal rotary shaft upon the outer peripheral surface of said rotary cylindrical column.

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Claim 16 (currently amended): The Magnus type wind power generator according to claim 13, wherein said air flow device generates an air flow component parallel with the axis of said rotary cylindrical column and in a direction toward said horizontal rotary shaft upon the outer peripheral surface of said rotary cylindrical column.

Claim 17 (currently amended): The Magnus type wind power generator according to claim 13, wherein said air flow device comprises a fin member formed upon the outer peripheral surface of said rotary cylindrical column.

Claim 18 (currently amended): The Magnus type wind power generator according to claim 17, wherein the fin member serving as said air flow device comprises a rib in a spiral shape formed upon the outer peripheral surface of said rotary cylindrical column.

Claim 19 (currently amended): The Magnus type wind power generator according to claim 13, wherein an end cap larger in diameter than said rotary column is provided upon an extreme end of said rotary cylindrical column.

Claim 20 (previously presented): The Magnus type wind power generator according to claim 18, wherein the rib is constructed by a multi-streak spiral.

Claim 21 (currently amended): The Magnus type wind power generator according to claim 13, wherein a plurality of dimples are provided upon the outer peripheral surface of said rotary cylindrical column.

Claim 22 (previously presented): The Magnus type wind power generator according to claim 18, wherein dimples or projections are formed upon an outer surface of an extreme end of said rib.

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Claim 23 (currently amended): The Magnus type wind power generator according to claim 13, wherein said rotary cylindrical column is supported for extension and contraction in the radial direction with respect to said horizontal rotary shaft.

Claim 24 (currently amended): The Magnus type wind power generator according to claim 13, wherein said driving motors are fewer in number than the number of said rotary cylindrical columns and are used to drive rotatively said respective rotary cylindrical columns simultaneously.

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